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<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>	Application	09/746,276	
	Filing Date	December 21, 2000	
	First Named	Hatangadi	
	Group Art Unit	2856	
	Examiner Name	To Be Assigned	
Total Number of Pages in This Submission	10	Attorney Docket Number	34613.0200

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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	John H. Platt, Reg. No. 47,863 Snell & Wilmer L.L.P.
Signature	<i>John H. Platt</i>
Date	October 15, 2002

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PATENT

**IN THE UNITED STATES PATENT AND  
TRADEMARK OFFICE**

Applicant:	Hatangadi et al.	Docket No.:	34613.0200
Serial No.:	09/746,276	Group Art Unit:	2856
Filed:	December 21, 2000	Examiner:	NYA
Title:	MULTIDIMENSIONAL ARRAY AND FABRICATION THEREOF	Confirmation No.:	2791

***PRELIMINARY AMENDMENT AND CORRESPONDENCE TO  
ACCOMPANY FORMAL DRAWINGS***

Assistant Commissioner for Patents  
Washington, D.C. 20231

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TECHNOLOGY CENTER R3700

Commissioner:

Applicant submits herewith formal drawings in the above-referenced Application. The Examiner is respectfully requested to enter the enclosed drawings, including new Figures 5A and 5B, as these drawings do not contain any new matter, as described more fully below.

**IN THE DRAWINGS**

Please enter Figs. 5(a)-(b) as attached.

**REMARKS**

Applicant has provided herewith seven sheets of formal drawings, including sheet 4/7, which includes Figs. 5(a)-(b). The Examiner is requested to approve the drawings figures as submitted herewith. No other changes are made by this Amendment, and no new matter has been added to the Application. Although Applicant believes that this Amendment does not require any fee, the Office is requested and authorized to charge any such fees that may be required to Deposit Account No. 19-2814.

Figs. 5(a)-(b) do not contain any new matter. As described in the Specification as originally filed, Figs. 5(a)-(b) are side views demonstrating an exemplary process for isolating transducer elements in the elevation direction (Specification, page 6). This process is described in conjunction with steps 206 and 208 in Figure 2, as well as in other locations in the Specification and figures. Each of the individual elements in Figs. 5(a)-(b) are clearly described and articulated in the Specification, particularly at page 14, line 14 through page 15, line 18. As described therein, the Figs. 5(a)-(b) show a matching layer assembly 300 that is joined to a piezoelectric assembly 400. Each of the assemblies and their various components are clearly described in Figs. 3(c) and 4(d), as well as in other figures and accompanying text of the Specification. The arrangement of the two assemblies with respect to each other is clearly disclosed in the Specification (e.g. "aligned and placed such that the aperture cuts 406 and 408 in piezoelectric assembly 400 correspond to aperture cuts 312 and 310 in matching layer assembly 300" at page 14, lines 16-18, and "laminated to each other using a low-viscosity adhesive 502...applied between conducting layer 108 of matching layer assembly 300 and a metallized surface of piezoelectric assembly 400" at page 14, lines 20-24). The elevation aperture cuts 504 and 506 shown in Figure 5(b) are described on page 15, lines 4-6, as well as in Figs. 6(a)-(c). Accordingly, each of the elements shown in the Figures and their respective layouts are clearly described in the Specification and other drawing figures as originally filed. Hence, no new matter is included in Figs. 5(a)-(b), and the Examiner is respectfully requested to enter each of the formal drawings submitted herewith.

Please contact the undersigned with any questions.

Respectfully submitted,

Dated: Oct 15, 2002 By: John H. Platt  
John H. Platt  
Reg. No. 47,863

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